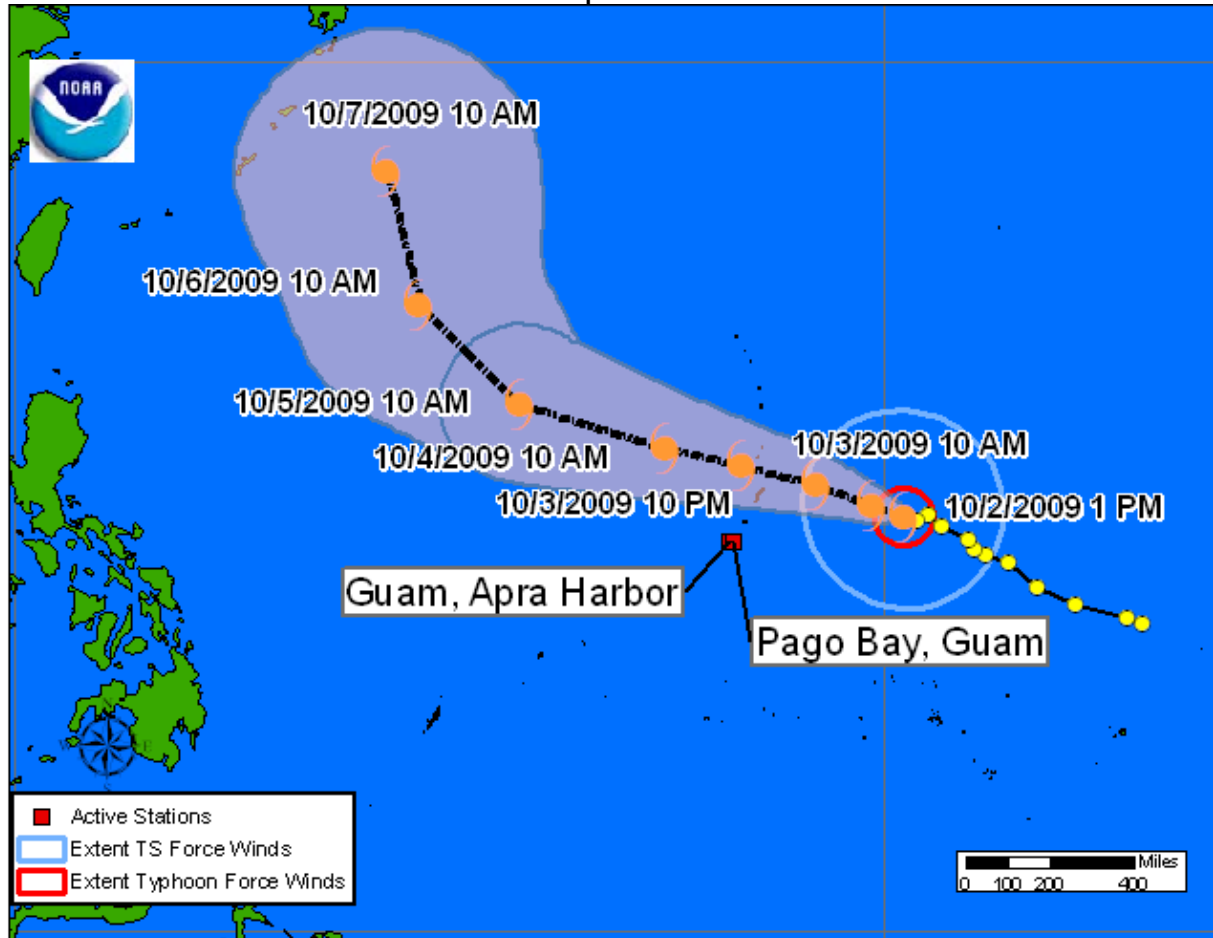




Typhoon MELOR QuickLook
Posted: 14:30 CHST 10/02/2009

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 10/02/2009 14:30 CHST water levels at Guam are slightly elevated above predictions. Water levels at Pago Bay are gradually rising presently being about 0.6 feet above predicted, while at Apra Harbor, they are 0.3 feet above predicted. Winds are currently slightly over 10-12 knots. Though atmospheric pressure fluctuates within normal conditions, it started to trend downward.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Pago Bay, Guam: Next predicted high tide is 1.62 ft (0.49 m) at 10/02/2009 18:03 CHST.

Guam, Apra Harbor: Next predicted high tide is 2.32 ft (0.71 m) at 10/02/2009 18:36 CHST.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: KG

For more detailed information, see [JOINT TYPHOON WARNING CENTER ADVISORY INFORMATION](#).

SELECT NATIONAL WEATHER SERVICE TIYAN GUAM ADVISORY INFORMATION:

**TYPHOON MELOR (20W) ADVISORY NUMBER 12
200 PM CHST FRI OCT 2 2009**

...TYPHOON MELOR CONTINUES TOWARD THE NORTHERN MARIANAS...

A TYPHOON WARNING REMAINS IN EFFECT FOR SAIPAN AND TINIAN.

A TROPICAL STORM WARNING REMAINS IN EFFECT FOR GUAM...ROTA AND AGRIHAN.

A TYPHOON WATCH REMAINS IN EFFECT FOR ROTA AND AGRIHAN.

A TYPHOON WARNING MEANS TYPHOON CONDITIONS...INCLUDING WINDS GREATER THAN 73 MPH...ARE EXPECTED WITHIN 24 HOURS.

A TROPICAL STORM WARNING IN CONJUNCTION WITH A TYPHOON WATCH MEANS TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN 24 HOURS...AND THAT TYPHOON CONDITIONS ARE POSSIBLE.

AT 100 PM CHST THE CENTER OF TYPHOON MELOR WAS LOCATED NEAR LATITUDE 14.3 DEGREES NORTH AND LONGITUDE 150.7 DEGREES EAST.

THIS IS ABOUT 335 MILES EAST OF SAIPAN

345 MILES EAST OF TINIAN

370 MILES EAST OF ROTA

400 MILES EAST OF GUAM AND

455 MILES SOUTHEAST OF AGRIHAN.

TYPHOON MELOR IS MOVING SLOWLY WEST-NORTHWEST AT 5 MPH. AN INCREASE IN FORWARD SPEED IS EXPECTED DURING THE NEXT 6 TO 12 HOURS.

MAXIMUM SUSTAINED WINDS ARE 140 MPH. MELOR IS EXPECTED TO CONTINUE TO INTENSIFY... AND MAY BECOME A SUPER TYPHOON IN THE NEXT 24 HOURS.

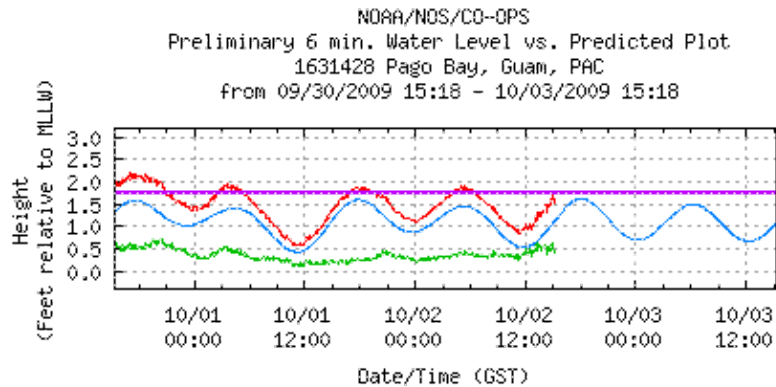
TYPHOON FORCE WINDS EXTEND OUTWARD UP TO 70 MILES FROM THE CENTER. TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 240 MILES FROM THE CENTER.

WILLIAMS/MUNDELL

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Pago Bay, Guam - Water Level](#), [Pago Bay, Guam - Winds](#), [Pago Bay, Guam - Barometric](#), [Guam - Water Level](#), [Guam - Winds](#), [Guam - Barometric](#), [Guam - Air/Water Temp](#),

Pago Bay, Guam, PAC - [Return to List](#)

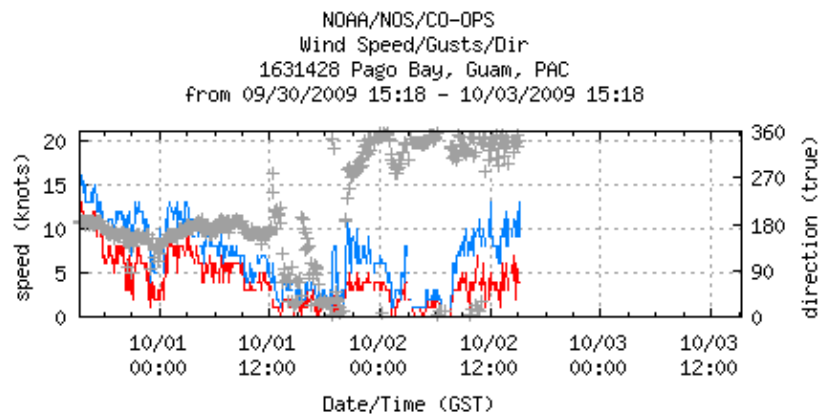


Last Observed Sample: 10/02/2009 15:12 (GST)

Relative to **MLLW**: **Observed: 1.61 ft. Predicted: 1.14 ft. Residual: 0.47 ft.**

Historical Maximum Water Level: n/a

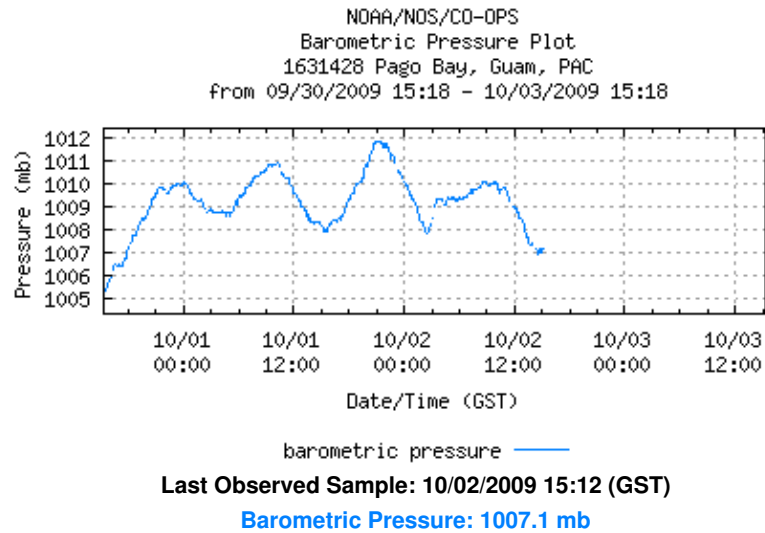
Pago Bay, Guam, PAC - [Return to List](#)



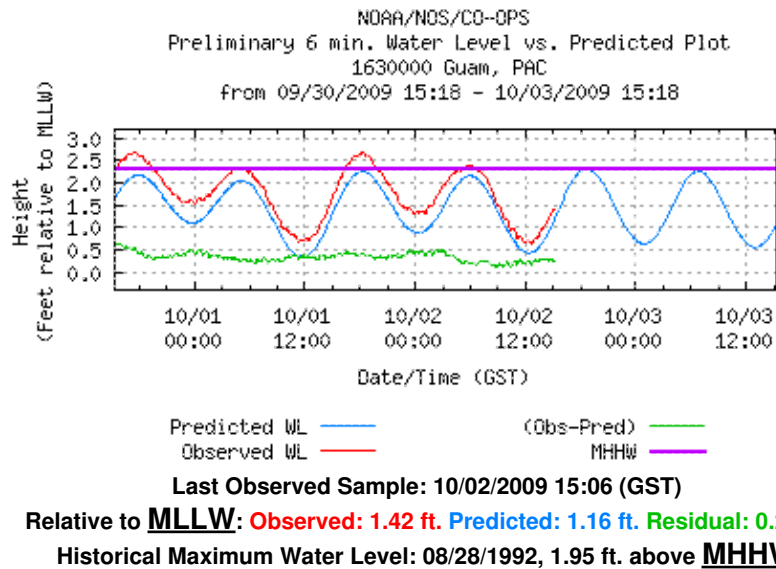
Last Observed Sample: 10/02/2009 15:12 (GST)

Wind Speed: 4 knots Gusts: 13 knots Direction: 343° T

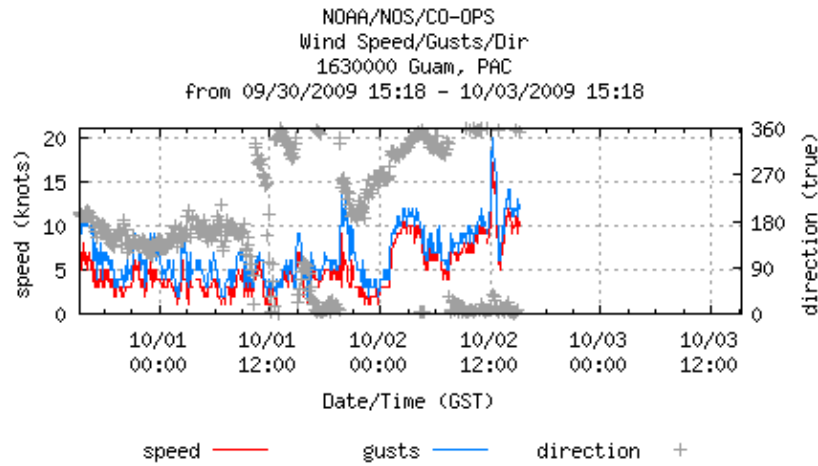
Pago Bay, Guam, PAC - [Return to List](#)



Guam, PAC - [Return to List](#)



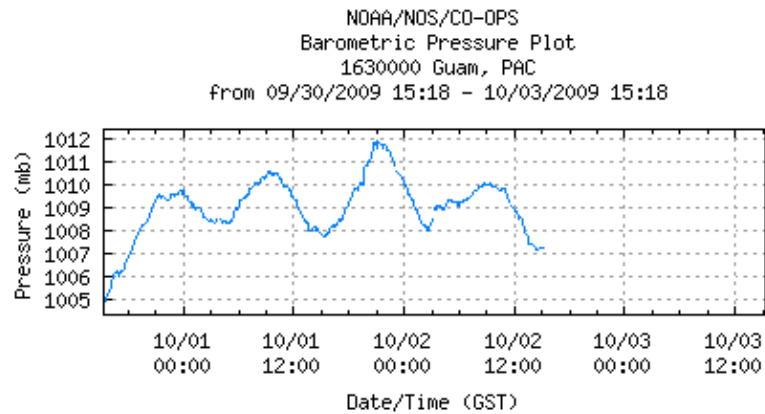
Guam, PAC - [Return to List](#)



Last Observed Sample: 10/02/2009 15:06 (GST)

Wind Speed: 10 knots Gusts: 12 knots Direction: 354° T

Guam, PAC - [Return to List](#)

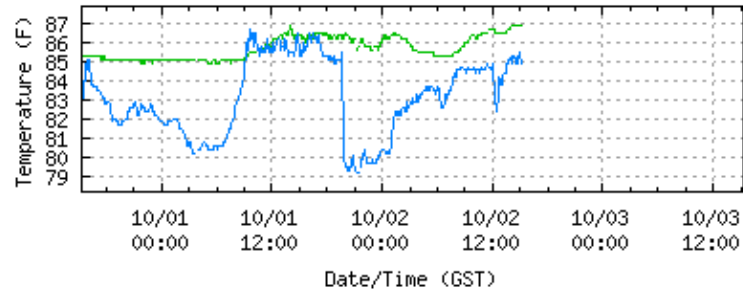


Last Observed Sample: 10/02/2009 15:06 (GST)

Barometric Pressure: 1007.2 mb

Guam, PAC - [Return to List](#)

NOAA/NOS/CO-OPS
Air/Water Temperature Plot
1630000 Guam, PAC
from 09/30/2009 15:18 - 10/03/2009 15:18



water temp. — air temp. —

Last Observed Sample: 10/02/2009 15:06 (GST)

Water Temperature: 86.9° F Air Temperature: 84.9° F

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce